

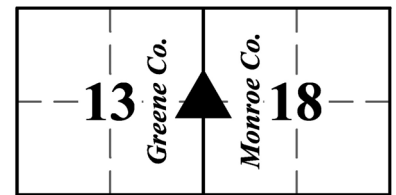
MONUMENT RECORD

Corner ID: InCr_A11

West 1/4 Corner

Section 18 – T07N – R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana

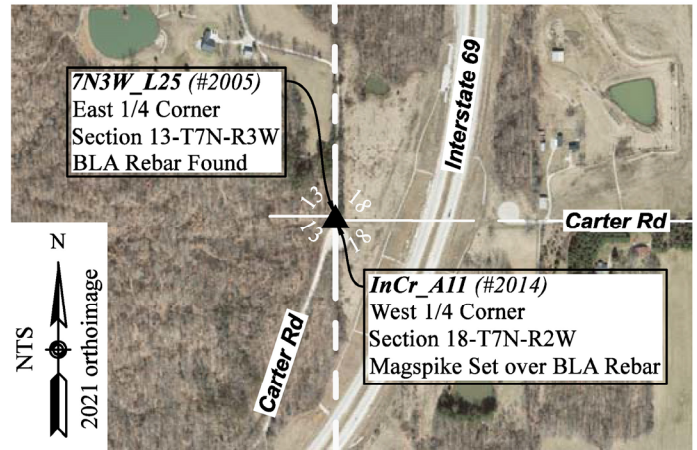
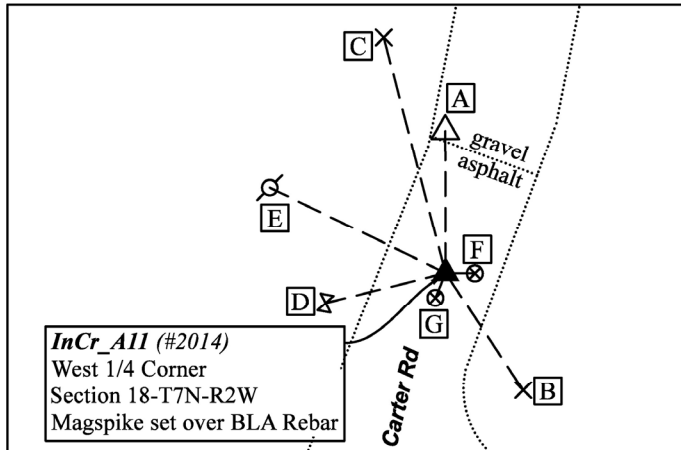


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

4-1/2" long magspike in a 2" diameter aluminum disc stamped "OSER IN PS#21100022" set slightly recessed over 3/4" rebar with yellow plastic cap stamped "BLA FIRM 0030" found 8" below grade 1 foot southeast of the centerline of Carter Road (17' wide asphalt).

GEODETIC COORDINATES: Northing: 1382552.35, Easting: 3066709.32

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 0°5'54" W	21.56'	7N3W_L25 – East 1/4 Corner of Section 13-7N-3W 3/4" rebar with yellow plastic cap stamped "BLA FIRM 0030" found 7" below grade under gravel (1.5 feet north of the transition from asphalt to gravel)
B	S 33°38'32" E	21.19'	Cut X found on top of 12" concrete culvert on the east side of Carter Road
C	N 14°40'12" W	36.82'	Cut X found on top of 12" corrugated metal culvert on the west side of Carter Road
D	S 76°0'55" W	18.64'	Cut X on northwest rim of water valve
E	N 64° W	29.5'	Mag nail found 5 feet above grade on the south side of 9" utility pole UDWI 144414 with a Monroe County SURVEY MARKER sign found 5 feet above grade on the east side of the pole
F	S 89°28'53" E	4.42'	Calculated location of railroad spike. Magnetic signal found. Did not dig.
G	S 22°21'25" W	4.02'	Calculated location of railroad spike. Magnetic signal found. Did not dig.

Notes: Witness Ties A through D were located with RTK. Witness Tie E was measured with a 100-foot steel tape and a 2° compass adjusted for declination. Witness Ties F and G were not measured- calculated locations are shown.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A Monroe County SURVEY MARKER sign was found 5 feet above grade on the east side of the utility pole at witness E. After finding the rebar 8" below grade, we patched the hole with cold asphalt and set a 4-1/2" long magspike on top.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The corner is approximately 30 feet north of the north edge of the cul-de-sac at the apparent end of the county-maintained portion of Carter Road.

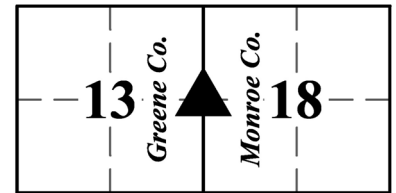
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Indian Creek Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

The West 1/4 Corner of Section 18 was not established by the original government surveyor.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 04/13/1854 By: Spencer, James

Where filed or recorded: MCSO LSB1, page 269

Original monument: Not described

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Lynn (basswood)	20"	N 75° W	73 links (48.2 feet)

No legal survey reference monuments were recovered.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
06/18/1990	Archer, Steven	5.00 acre survey on Carter Road in Sec. 18 (monument not described)	MCSO RSID001940
04/27/1992	Graham, Raymond	10.57 acre survey in Sec. 18 (monument not described)	MCSO RSID001942
05/21/2000	Graham, Charles	3.78 acre survey in Sec. 18 (monument not described, corner depicted in c/l Carter Rd)	MCSO RSID001941
09/13/2007	James, Marty	Survey in Section 13-7N-3W (set railroad spike at F)	GCR 2008-1703
12/24/2009	James, Marty	Survey for Cullison in Sec.11-7N-3W (accepted railroad spike at G as the East 1/4 Corner of Sec.13-7N-3W)	GCR 2010-1594
12/08/2010	Badger, Matthew	Glasgow site in Sections 7 & 18-7N-2W and 12 & 13- 7N-3W (origin of BLA rebar)	MCR 2011005764 GCR 2011-2902
03/11/2011	Badger, Matthew	I69 Section 4 Segment 6 Route Survey (BLA rebar)	GCR 2011-0980
07/27/2011	Jones, Perry	INDOT Location Route survey I-69/ Section 4/ Segment 7 (BLA rebar)	MCR 2011010190 GCR 2011-2897
06/11/2020	Deckard, Eric	Grubb Type "E" Administrative Subdivision Final Plat (accepted calculated location per Badger survey)	MCR 2022011812

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office? If not, what is the cause of discrepancy?

No. There is not an approved prior Monument Record on file for this corner.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

In 2007, Marty James set the railroad spike at (F) at the West 1/4 Corner of Section 18-7N-2W per ties to a Graham survey. In 2009, Marty James accepted the railroad spike at (G) as the East 1/4 Corner of Section 13-7N-3W. The 2009 James survey says that the railroad spike at (G) was previously set by Bledsoe Riggert Guerrettaz, but a survey showing the origin of the spike was not found. The railroad spike at (G) is S 58° W 7.0 feet from the railroad spike at (F). In 2010, Matthew Badger evaluated both railroad spikes and established the corner at the westerly projection of the railroad spike at the center of Section 18 (C11) with the railroad spike at (F) to the range line. In March 2011, Monroe County Surveyor Kevin Enright witnessed the BLA rebar, but the monument was tabled by the Surveyor Review Board on December 13, 2011. In September 2021, Monroe County Surveyor Trohn Enright-Randolph witnessed the BLA rebar again, and the rebar was tabled again by the Surveyor Review Board on December 09, 2021. The Review Board tabled the monument both times due to lack of information about the two railroad spikes at (F) and (G). We evaluated all three monuments and found Badger's analysis sound. In addition, we found that the BLA rebars at L25 and A11 have been used on subsequent surveys by Badger and Zimmer encompassing all of the property adjacent to the two corners and Eric Deckard accepted the Badger/BLA location of A11 in 2020 and used it to establish the Southwest

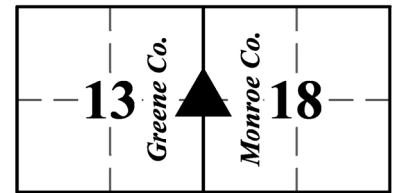
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Indian Creek Township, Monroe County, Indiana



corner of the East half of the Northwest quarter of Section 18 (B11). We accepted the BLA rebar as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: 4.42 feet.
- Discrepancies in the Documents: 4.42 feet.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo. Provide photo orientation and date.

Photo Date: 04/22/2023



Photo Orientation & Description: Mag spike set over rebar at A11



Photo Orientation & Description: Looking south at A11 with Greene County corner visible in the foreground

FIELD PERSONNEL:

Field Date: 04/22/2023 By: Rachel Oser and Phillip Oser Project #: OSM #10246 Field Book: OSM 7/18

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid and zone. The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser

Indiana Professional Surveyor No.: 21100022

Firm Name: Oser Surveying & Mapping LLC

Date: August 19, 2023

Signature:

A handwritten signature in black ink that reads 'Rachel Oser'.



Seal:

This document is not complete without the associated plat and report of even date.

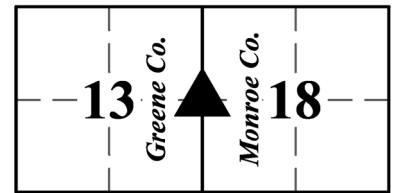
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Indian Creek Township, Monroe County, Indiana



OFFICE USE ONLY

NOTICE TO PROCEED AND MONUMENT RECORD FORM ISSUED TO:

Offeror Name:	Rachel Oser	Firm Name:	Oser Surveying & Mapping LLC
Phone:	812-320-2694	Email:	Rachel@OserSurveying.com
Corner Classification:	Referenced	Corner Coordinate Status:	Survey Grade Calc
Issue Date:	3/13/2023	Form Due Date:	11/15/2023
		Form Receipt Date:	8/22/2023

COUNTY SURVEYOR APPROVAL:

☒ Yes,
Signature:

Date: 9/19/2023

☐ No,
reasons for
denial



Seal:

SURVEYOR REVIEW BOARD APPROVAL:

Yes,
Signature: ☒

Date: 9/19/2023

☐ No,
reasons for
denial



Seal: